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PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco and Oakland, and in Alameda County, Cal.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.
Date of last case of rodent plague: October 23, 1908.

Week ended February 20, 1909.

Sick inspected	1
Plague	0
Dead inspected	135
Plague	0
Necropsies held	0
Premises inspected	2,211
House disinfected	1
Nuisances abated	181
Rats found dead	24
Rats trapped	1,924
Total rats taken	1,948
Rats identified:	
Mus norvegicus	1,222
Mus rattus	51
Mus musculus	670
Total	1,943
Rats identified as to sex	1,243
Male	558
Female	685
Rats examined bacteriologically	1,162
Plague rats	0
Squirrels caught	7
Squirrels examined bacteriologically	4
Plague squirrels	0
Buildings condemned	10
Poisons placed	950

OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.
Date of last case of rodent plague: Trapped, December 1, 1908.

Week ended February 13, 1909.

Dead inspected	24
Plague	0
Necropsies held	3
Premises inspected	678
Premises cleaned	115
Places made rat proof	2
Garbage cans installed	183
Nuisances abated	184
Rats found dead	29
Rats trapped	547
Total rats taken	576
Mice trapped	55
Rats identified:	
Mus norvegicus	573
Mus rattus	3
Mus musculus	55
Total	631
Rats examined bacteriologically	566
Plague rats	0
Mice examined bacteriologically	55
Plague mice	0
Poisons placed	17,706

ALAMEDA COUNTY, CAL.

Week ended February 13.

Sick inspected	9
Plague	0
Dead inspected	59
Plague	0
Necropsies held	5

Report from Los Angeles, Cal.—Examination of animals for plague infection.

Passed Assistant Surgeon Stimson, plague laboratory, reports, February 23:

Animals examined in the laboratory in this city from February 8 to February 14, inclusive:

Ground squirrels	131
Gray rats	361
Black rats	6
White rats	8

None of these animals was found to be infected with plague.

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports, February 15:

SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

Week ended February 13, 1909.

Plague-infected rats to date	21
Rats received	741
Rats necropsied	753
Plague rats	0
Vessels inspected	12
Vessels fumigated	3

Report from Memphis, Tenn. — Smallpox — Smallpox in State of Arkansas.

Surgeon Wasdin reports, February 12: During the month of January there were approximately 50 cases of smallpox in Memphis, all of which were treated in the pesthouse. In addition to this number during the past week there have been from 6 to 10 cases originating in the city, the majority of them being post-office employees. It is thought that these employees were infected from contaminated mail.

There are now about 20 cases in the smallpox hospital of this county. There are a few cases being treated at their homes under city regulations.

In the State of Arkansas there is a great deal of smallpox in the counties bordering on the river, and quite recently there was a serious outbreak in a neighboring county.

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

COLORADO.—Semiannual report for the period ended June 30, 1908. Estimated population, 615,570. Total number of deaths, 5,688; cause of death not reported. Cases: Diphtheria 618, scarlet fever 2,009, smallpox 381, and enteric fever 191.

INDIANA—*Evansville.*—Month of December, 1908. Estimated population, 75,000. Total number of deaths, 84, including enteric fever 4, diphtheria 3, and 12 from pulmonary tuberculosis. Cases: Diphtheria 20, scarlet fever 4, whooping cough 2, enteric fever 7, and pulmonary tuberculosis 8.

MINNESOTA—*Minneapolis.*—Month of January, 1909. Estimated population, 300,000. Total number of deaths, 276, including diphtheria 14, enteric fever 1, scarlet fever 3, and 43 from tuberculosis. Cases: Diphtheria 92, scarlet fever 57, smallpox 22, enteric fever 1, and tuberculosis 29.

NEBRASKA—*Lincoln.*—Month of January, 1909. Estimated population, 60,000. Total number of deaths, 45, including 5 from tuberculosis. Cases: Diphtheria 4, scarlet fever 8, measles 2, and smallpox 2.

NEW YORK—*Buffalo.*—Month of January, 1909. Estimated population, 410,000. Total number of deaths, 523, including diphtheria 16, scarlet fever 15, enteric fever 5, and 45 from tuberculosis. Cases: Tuberculous 62, enteric fever 30, diphtheria 115, scarlet fever 410, measles 16, whooping cough 36, and smallpox 1.

Schenectady.—Month of January, 1909. Estimated population 77,666. Total number of deaths, 74, including scarlet fever 5, and 8 from tuberculosis. Cases: Scarlet fever 24, diphtheria 5, measles 2, and tuberculosis 8.

Yonkers.—Month of November, 1908. Estimated population, 72,000. Total number of deaths, 96, including enteric fever 1, diphtheria 4, and 17 from tuberculosis. Cases: Enteric fever 1, scarlet fever 22, diphtheria 26, measles 28, and pulmonary tuberculosis 10.

Month of December, 1908. Total number of deaths, 88, including whooping cough 1, diphtheria 1, and 7 from tuberculosis. Cases: Enteric fever 1, scarlet fever 30, diphtheria 15, measles 43, and pulmonary tuberculosis 18.

Month of January, 1909. Total number of deaths, 105, including scarlet fever 5, diphtheria 3, and 12 from tuberculosis. Cases: Scarlet fever 37, diphtheria 16, measles 108, and pulmonary tuberculosis 19.

OREGON.—Month of November, 1908. Reports to the state board of health from 34 counties show as follows: Total number of deaths, 431, including diphtheria 27, enteric fever 13, scarlet fever 2, measles 3, and 29 from tuberculosis. Cases: Diphtheria 95, enteric fever 43, scarlet fever 41, smallpox 45, tuberculosis 16, and measles 1.

Month of December, 1908. Reports to the state board of health from 34 counties show as follows: Total number of deaths, 360, including tuberculosis 40, enteric fever 12, diphtheria 5, and 2 from scarlet fever. Cases: Tuberculosis 8, enteric fever 35, diphtheria 72, scarlet fever 50, measles 16, and smallpox 51.

WASHINGTON—*Spokane.*—Month of January, 1909. Estimated population, 100,000. Total number of deaths, 110, including diphtheria 4, enteric fever 4, and 5 from tuberculosis. Cases: Smallpox 5, measles 60, scarlet fever 34, diphtheria 43, and enteric fever 1.

WISCONSIN.—Report for the quarter ended September 30, 1908. Estimated population, 2,228,969. Total number of deaths, 6,279, including scarlet fever 21, tuberculosis 512, enteric fever 70, diphtheria 70, measles 5, and 29 from whooping cough. Cases reported from 58 counties, as follows: Diphtheria 248, enteric fever 197, whooping cough 218, smallpox 173, scarlet fever 163, measles 192, and tuberculosis 238.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to March 5, 1909.

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile	Jan. 12–Feb. 6	7		
Tuscaloosa County	Feb. 6–Dec. 31	86		Year 1908.
Total for State		93		
Arkansas:				
Little Rock	Dec. 15–Jan. 2	23		
Magnolia	Jan. 5–13	25		
Texarkana	Nov. 26–Jan. 11	10		
Total for State		58		
California, general	Nov. 1–Dec. 31		3	
Los Angeles	Dec. 6–Feb. 13	14		
Oakland	Nov. 1–Dec. 31	6		
Sacramento	Nov. 1–Dec. 31	24		
San Francisco	Dec. 13–Feb. 6	19		
Stockton	Nov. 1–30	12		
Total for State		75	3	
District of Columbia:				
Washington	Dec. 28–Feb. 20	6		
Total for District		6		
Georgia:				
Cobb County	Jan. 16–Feb. 7	8		
Paulding County	Jan. 16–Feb. 7	15		
Total for State		23		
Illinois:				
Alexander County—				
Cairo	Jan. 7–Feb. 20	202		
Thebes	Jan. 1–31	2		
Bureau County—				
Ladd	Nov. 1–30	4		
Christian County—				
Taylorville	Aug. 1–Jan. 20	40		
Clinton County—				
Carlyle	Jan. 1–31	1		
Coles County—				
Charleston	Jan. 1–30	1		
Cook County—				
Chicago	Jan. 3–Feb. 6	5		
Franklin County—				
West Frankfort	Dec. 12–Feb. 13	15		
Fulton County—				
Canton	Jan. 1–31	38		
Cuba	Jan. 1–31	1		
Lewiston	Jan. 1–31	6		
Jackson County—				
Murphrysboro	Jan. 1–31	45	1	
Jasper County	Jan. 1–31			Present in Smallwood and South Muddy townships.
Newton	Jan. 1–31	1		
Jo Daviess County—				
Galena	Jan. 1–31	3		
Kane County—				
St. Charles	Jan. 1–31	1		
Kankakee County—				
Grant Park	Jan. 1–31	1		
Knox County—				
Galesburg	Feb. 14–20	1		
Lake County—				
Waukegan	Feb. 2–20	3		
McLean County—				
Bloomington	Jan. 1–31	5		
Macon County—				
Decatur	Jan. 1–31	8		
Macoupin County—				
Palmyra	Dec. 25–Jan. 20	4		
Scottsville	Dec. 25–Jan. 20	12		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Marion County—				
Centralia	July 1–Jan. 20	53		
Odin	Jan. 1–31	1		
Sandoval	Jan. 1–31	1		
Mason County	Jan. 1–31			Present in Havana and Quiver townships.
Massac County—				
Metropolis	Jan. 1–31	1		
Mercer County	Jan. 1–31	1		In North Henderson township.
Montgomery County	Jan. 1–31	8		Present in Farmersville and in Bois d'Arc and Pitman townships.
Peoria County—				
Peoria	Dec. 20–Feb. 3	7		Present in Glasford and in Timber and Trivoli townships.
Pulaski County	Jan. 1–31			Present in Pulaski.
Mounds	Jan. 1–31	3		
Mound City	Jan. 1–31	7		
Randolph County—				
Percy	Jan. 1–31	1		
St. Clair County—				
Belleville	Dec. 4–20	3		Present in January.
Mascoutah	Jan. 1–31	1		
Millstadt		1		
Saline County—				
Eldorado	Jan. 1–31	1		
Sangamon County—				
Pawnee	Jan. 1–31	2		
Schuyler County—				
Browning	Oct. 12–Jan. 20	75		
Tazewell County	Jan. 1–31			Present in Elm Grove township.
Pekin	Jan. 1–31	28		
Vermilion County—				
Danville	Jan. 11–Feb. 21	3		
Williamson County—				
Carterville	Jan. 1–31	2		
Johnston City	Jan. 1–31	1		
Marion	Jan. 1–31	6		
Total for State		605	1	
Indiana:				
Allen County	Dec. 1–31	1		
Fort Wayne	Jan. 10–Feb. 6	4		
Bartholomew County	Dec. 1–31	1		
Benton County	Nov. 1–Dec. 31	4		
Boone County	Nov. 1–Dec. 31	2		
Carroll County	Oct. 1–31	26		
Clay County	Oct. 1–31	8		
Dearborn County	Oct. 1–31	1		
Delaware County	Dec. 1–31	52		
Elkhart County	Oct. 1–Nov. 30	7		
Elkhart	Jan. 17–Feb. 20	6		
Franklin County	Dec. 1–31	1		
Gibson County	Dec. 1–31	1		
Grant County	Dec. 1–31	2		
Union	Feb. 6	5		
Hamilton County	Dec. 1–31	1		
Harrison County	Dec. 1–31	1		
Hendricks County	Nov. 1–Dec. 31	5		
Madison County	Oct. 1–31	1		
Anderson	Dec. 1–31	1		
Marion County	Dec. 1–31	1		
Indianapolis	Jan. 18–Feb. 7	4		
Miami County	Dec. 1–31	1		
Rush County	Dec. 1–31	24		
Shelby County	Dec. 1–31	1		
Spencer County	Dec. 1–31	1		
St. Joseph County	Dec. 1–31	12		
Sullivan County	Oct. 1–31	2		
Tippecanoe County	Oct. 1–Dec. 31	77		
Lafayette	Dec. 15–Feb. 15	52	1	
Tipton County	Nov. 1–Dec. 31	2		
Vanderburg County—				
Evansville	Jan. 10–Feb. 20	10		
Vigo County	Oct. 1–Dec. 31	7		
Wabash County	Nov. 1–Dec. 31	4		
Warren County	Dec. 1–31	7		
Wayne County	Nov. 1–30	8		
Total for State		343	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Iowa, general	July 1-Sept. 30		2	
Burlington	Jan. 1-31	1		
Council Bluffs	July 1-Dec. 31	19	2	
Dubuque	Oct. 1-Jan. 31	87	1	
Total for State		107	5	
Kansas:				
Atchison County—				
Atchison	Dec. 20-Jan. 16	2		
Barton County	Nov. 1-30	7		
Bourbon County	Nov. 1-30	1		
Brown County	Nov. 1-Dec. 31	45		
Crawford County—				
Pittsburg	Nov. 1-Dec. 31	107		
Franklin County	Dec. 1-31	1		
Harvey County	Nov. 1-Dec. 31	4		
Jackson County	Nov. 1-Dec. 31	95		
Jefferson County	Dec. 1-31	2		
Jewell County	Dec. 1-31	2		
Montgomery County	Nov. 1-Dec. 31	18		
Nemaha County	Dec. 1-31	2		
Phillips County	Dec. 1-31	2		
Pottawatomie County	Nov. 1-Dec. 31	36		
Pratt County	Dec. 1-31	20		
Reno County	Nov. 1-Dec. 31	3		
Riley County	Nov. 1-30	2		
Saline County	Nov. 1-Dec. 31	31		
Shawnee County	Nov. 1-Dec. 31	6		
Topeka	June 7-Feb. 20	71		
Sheridan County	Dec. 1-31	9		
Stafford County	Dec. 1-31	1		
Sumner County	Nov. 1-Dec. 31	7		
Wilson County	Nov. 1-30	5		
Wyandotte County—				
Kansas City	Jan. 3-Feb. 20	12		
Total for State		491		
Kentucky:				
Anderson County	Oct. 1-Jan. 20	200	1	Including Lawrenceburg.
Covington	Dec. 29-Feb. 20	12		
Henderson		7		Jan. 1-June 30, 1908.
Lexington	Dec. 28-Feb. 20	29		
Newport	July 1-Jan. 31	20	1	Jan. 1-June 30, 1908, 16 cases 1 death.
Paducah	Jan. 24-Feb. 20	29		
Total for State		297	2	
Louisiana:				
Arcadia Parish	Dec. 20-Jan. 11	30		Including Bienville, Liberty Hill, and Mount Lebanon.
New Orleans	Dec. 20-Feb. 20	21		
Shreveport	Jan. 1-20	32	1	
Total for State		83	1	
Maine:				
Cyr plantation	Oct. 16-24	11		
Frenchville	Nov. 11-Dec. 5	2		
Grand Isle (Grant Isle)	Oct. 16-Dec. 12	26		
St. Agatha	Oct. 24-Dec. 26	9		
St. David	Dec. 13-19	1		
Upper Frenchville	Oct. 25-Nov. 11	2		
Van Buren	Oct. 18-Feb. 6	94		
Total for State		145		
Maryland:				
Baltimore	Jan. 30-Feb. 6	1		
Total for State		1		
Massachusetts:				
New Bedford	Jan. 30-Feb. 27	2		
Taunton	Jan. 3-9	1		
Total for State		3		
Michigan:				
Barry County	Nov. 1-Dec. 31	5		
Cheboygan County	Dec. 1-31	4		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Delta County	Nov. 1-30	1		
Eaton County	Dec. 1-31	1		
Ingham County—				
Lansing	Nov. 1-Dec. 31	11		
Ionia County	Dec. 1-31	2		
Kalamazoo County	Dec. 1-31	3		
Kent County—				
Grand Rapids	Jan. 24-Feb. 20	2		
Lapeer County	Dec. 1-31	2		
Macomb County	Nov. 1-30	1		
Manistee County	Nov. 1-30	2		
Menominee County	Dec. 1-31	1		
Muskegon County	Nov. 1-Dec. 31	19		
Saginaw County—				
Saginaw	Jan. 16-Feb. 20	4		
St. Clair County	Nov. 1-Dec. 31	2		
Port Huron	Nov. 1-Dec. 5	3		
Wayne County—				
Detroit	Jan. 10-30	4		
Wexford County	Dec. 1-31	2		
		69		
Minnesota:				
Becker County	Dec. 7-13	1		
Benton County	Oct. 26-Nov. 2	1		
Brown County	Oct. 20-Nov. 23	11		
Carver County	Dec. 7-13	6		
Cass County	Oct. 12-Dec. 7	1		
Chippewa County	Nov. 3-9	1		
Cottonwood County	Oct. 20-26	1		
Dodge County	Nov. 24-Dec. 7	2		
Faribault County	Dec. 7-13	1		
Hennepin County	Oct. 6-12	1		
Minneapolis	Nov. 1-Jan. 31	43		
Hubbard County	Oct. 19-Dec. 7	11		
Jackson County	Dec. 7-13	1		
Lac qui Parle County	Nov. 2-Dec. 13	3		
Lyon County	Nov. 16-Dec. 13	2		
Morrison County	Nov. 20-Dec. 13	20		
Nicolett County	Nov. 16-Dec. 13	3		
Norman County	Dec. 7-13	5		
Pipestone County	Dec. 7-13	6		
Ramsey County	Nov. 16-Dec. 7	2		
St. Paul	Oct. 6-Dec. 13	57		
Renville County	Dec. 1-7	1		
St. Louis County				
Duluth	Nov. 9-Jan. 22	3		
Sibley County	Dec. 7-13	9		
Stearns County	Nov. 9-Dec. 7	4		
Steele County	Oct. 20-Dec. 7	4		
Stevens County	Nov. 9-Dec. 13	12		
Todd County	Nov. 9-Dec. 13	3		
Wabasha County	Nov. 2-Dec. 7	10		
Wadena County	Nov. 2-Dec. 13	15		
Saseka County	Oct. 26-Dec. 7	9		
Washington County	Nov. 24-30	1		
Stillwater	Dec. 1-31	3		
Winona County	Dec. 1-7	1		
Winona	Dec. 1-Jan. 31	5		
Yellow Medicine County	Oct. 20-26	1		
Total for State		260		
Mississippi:				
De Soto County	Nov. 1-Dec. 22	135		
Total for State		135		
Missouri:				
Kansas City	Jan. 24-Feb. 20	4		
St. Joseph	Dec. 1-31	1		
St. Louis	Dec. 20-Feb. 20	10		
Springfield	Nov. 1-Dec. 31	2		
Total for State		17		
Montana:				
Cascade County	Nov. 1-30	4		
Flathead County	Nov. 1-30	1		
Gallatin County	Nov. 1-30	13		
Bozeman	Nov. 1-30	15		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana—Continued.				
Jefferson County	Nov. 1-30	4		
Ravalli County	Nov. 1-30	4		
Silverbow County	Nov. 1-30	5		
Butte	Dec. 2-Feb. 16	23		
Yellowstone County	Nov. 1-30	1		
Total for State		70		
Nebraska:				
Lincoln	Nov. 1-Jan. 31	7		
South Omaha	Dec. 20-Feb. 13	6		
Total for State		13		
New Hampshire:				
Hinsdale	Nov. 1-Dec. 15	6		
West Chesterfield	Nov. 1-Dec. 15	1		
West Lebanon	Jan. 15-Feb. 7	2		
Westmoreland	Nov. 1-Dec. 15	1		
Total for State		10		
New York, general	Nov. 1-Dec. 31	75	1	
Mohawk Valley			1	Year 1908.
Niagara Falls	Feb. 7-13	1		
Rome	Jan. 1-31	1		
Schenectady	Feb. 7-13	1		
Syracuse	Jan. 9-31	3		
Total for State		81	2	
North Carolina:				
Bertie County	Nov. 1-30	1		
Catawba County	Nov. 1-Dec. 31	4		
Currituck County	Nov. 1-30	3		Present to Dec. 31.
Duplin County	Dec. 1-31	10		
Edgecombe County	Dec. 1-31	1		
Johnston County	Nov. 1-30	1		
Lenoir County	Dec. 1-31	20		
Lincoln County	Dec. 1-31	1		
Pasquotank County	Nov. 1-Dec. 31	29		
Wilmington	Jan. 22	1		Imported.
Total for State		71		
North Dakota	July 1-Feb. 19	168		
Ohio, general	June 14-Jan. 2	337		
Cincinnati	Dec. 12-Feb. 26	152	1	
Dayton	Jan. 24-Feb. 20	5		
Newark		3		Year 1908.
Tiffin	Jan. 3-23	2		
Total for State		499	1	
Oregon:				
Clackamas County	Sept. 1-30	1		
Harney County	Sept. 1-30	1		
Jackson County	Oct. 1-Dec. 31	9		
Lane County	Dec. 1-31	10		
Linn County	Sept. 1-Oct. 31	5		
Marion County	Sept. 1-Dec. 31	4		
Multnomah County	Dec. 1-31	5		
Portland	Nov. 1-Dec. 31	50		
Polk County	Sept. 1-Dec. 31	9		
Tillamook County	Oct. 1-31	1		
Umatilla County	Sept. 1-Dec. 31	6		
Wallowa County	Oct. 1-31	1		
Washington County	Oct. 1-Dec. 31	23		
Yamhill County	Sept. 1-Dec. 31	17		
Total for State		142		
Pennsylvania:				
Gracedale	Oct. 24	1		
Harrisburg	Dec. 18-Jan. 20	3		
New Kingstown	Dec. 29			Present.
Philadelphia	Dec. 19-25	1		
Pittsburg	Dec. 13-19	1		Imported.
Total for State		6		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
South Dakota:				
Aberdeen	May 1–Jan. 31	43		
Total for State		43		
Tennessee:				
Green County	Jan. 2	103		Including Greenville.
Knoxville	Dec 28–Feb. 13	12		
Memphis	Jan. 1–Feb. 20	116		
Nashville	Dec. 20–Feb. 27	35		
Polk County	Jan. 22	30		
Total for State		296		
Texas:				
Cost	Oct. 1–Dec. 19			Present.
Cotulla	Jan. 25–Feb. 17			Do.
Denton County	Jan. 1–Feb. 8	9		Including Justin and Roanoke.
El Paso	Feb. 10–23	3		
Falfurrias	Dec. 26	12		
Fort Worth		256		Year 1908.
Goliad County	Dec. 1–Jan. 20	25		
Houston	Jan. 1–31	3		
Laredo	Dec. 26–Feb. 13	4		
Monthalia	Oct. 1–Dec. 19			Present.
Oak Forest	Oct. 1–Dec. 19			Do.
San Antonio	Dec. 13–Feb. 13	63		
San Augustine County	Jan. 5			Do.
Total for State		375		
Utah:				
Davis County	Nov. 1–Dec. 31	20		
Garfield County	Dec. 1–31	9		
Salt Lake County	Dec. 1–Jan. 31	136		
Salt Lake City	Dec. 1–Jan. 31	187	1	
Sanpete County	Dec. 1–31	1		
Summit County	Dec. 1–31	7		
Utah County	Dec. 1–31	1		
Weber County	Nov. 1–Dec. 31	2		
Total for State		363	1	
Vermont:				
Newfane	Jan. 11	8		And vicinity.
West Windsor, township	Jan. 23	2		
White River Junction	Jan. 4–Feb. 9	3		
Total for State		13		
Virginia:				
Lynchburg	Jan. 10–30	3		Imported.
Norfolk	Feb. 5–17	3		On tug E. W. Marts.
Port Royal	Dec. 28–Jan. 14	3		
Total for State		9		
Washington:				
Seattle	Oct. 1–Jan. 31	15		
Spokane	Dec. 6–Feb. 13	9	1	
Tacoma	Dec. 14–Jan. 17	31		
Total for State		55	1	
West Virginia:				
Charleston	Jan. 1–31	1		
Moundsville				Present in January.
Weston	Jan. 15–Feb. 13	1		
Total for State		2		
Wisconsin:				
La Crosse	Dec. 13–Feb. 13	30		
Manitowoc	Dec. 13–Feb. 20	8		
Milwaukee	Dec. 6–Feb. 13	92		
Total for State		130		
Grand total for the United States		5,157	18	

Weekly morbidity and mortality table, cities of the United States.

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa	Feb. 20	38,973	12					5		1					
Ann Arbor, Mich	do	14,509	5		1									5	
Atchison, Kans	Jan. 23	15,722	8					1		1				1	1
Do	Jan. 30	15,722	4												
Baltimore, Md	Feb. 20	508,957	188	23	26	2	2	12	1	26		120	1	6	
Berkeley, Cal	Feb. 13	13,214	7	1	1	1		5		2		1			
Binghamton, N.Y.	Feb. 20	38,647	24		1						1				1
Boston, Mass	do	560,892	265	62	29	5		73	2	70	3	62	2	22	1
Braddock, Pa	do	15,654	6		2			1		4				1	
Bradford, Pa	do	15,029	8	1				3							
Brockton, Mass	do	40,063	21	3	1			2				116		7	2
Butte, Mont	Feb. 2	30,470	6					6		1					
Do	Feb. 9	30,470	7		2			8		4					
Do	Feb. 16	30,470	12		1			10		2	1	2			
Cambridge, Mass	Feb. 20	91,886	23	8	3			11		4	1	4		2	
Camden, N. J	do	75,935	34	1				7	1	12	1				
Camden, S. C	do	2,441										1			
Carbondale, Pa	do	13,536	2				1	3	1			1			
Charlotte, N. C	Feb. 19	18,091	7		2	1						2			
Chelsea, Mass	Feb. 20	34,072	11		2			1							
Chicago, Ill	do	1,698,575	654	78	72	63	9	145	2	111	10	124	7	12	
Chicopee, Mass	do	19,167	10		2					1	1				
Cincinnati, Ohio	Feb. 19	325,902	138	8	17	2	1	12	2	8	1	1		2	
Cleveland, Ohio	do	381,768	140	31	16	5	1	19	1	22		11		16	2
Clinton, Mass	Feb. 20	13,667	6	2											
Covington, Ky	do	42,938	9		3			1						2	
Danville, Ill	Feb. 21	16,534	8		1			2		2					
Dayton, Ohio	Feb. 20	85,333	40		7		1	1		1		12	1		
Detroit, Mich	do	285,704	121					7	1	13	2				
Duluth, Minn	Feb. 18	80,000	20	6	1			4	1	17	1				
Dunkirk, N. Y	Feb. 20	11,616	5							2	1				
Elmira, N. Y	do	35,672	13	6	1	1		1				7		5	
El Paso, Tex	Feb. 16	15,905	32		14	2		1				1			
Do	Feb. 23	15,905	29	4	9	3	1	2	1	2					
Elkhart, Ind	Feb. 20	15,184	6									2			
Erie, Pa	Feb. 13	52,733	18	5	4	5	1	6		5		1		11	1
Do	Feb. 20	52,733	18	3	1	1	1	9		3		1		9	1
Evansville, Ind	do	59,007	15	1	2	1		1		3					
Everett, Mass	do	24,336	12	4	1			4	1	1					
Fall River, Mass	do	104,863	41	6	6	1		4		2		5		2	
Findlay, Ohio	do	17,613	6		1					2					
Fort Wayne, Ind	do	45,115	13		1			1		1					
Galesburg, Ill	do	18,607	6					4		1					
Galveston, Tex	Feb. 19	37,789	15	2	2	2		1		1					
Glens Falls, N.Y	Feb. 20	13,543	4	1	2										
Gloucester, Mass	do	26,121	5		1										
G'd Rapids, Mich	do	87,565	22		1			16						7	
G't Falls, Mont	do	14,930	4					11		2	1	3			
Greensboro, N.C.[a]	Feb. 6	10,035	5		2							2			
Do	Feb. 20	10,035	5												
Hammond, Ind	do	12,376	3												
Harrison, N. J	do	10,596	2	2						2					
Haverhill, Mass	do	37,175	17	1	2					3		1		3	
Hoboken, N. J.[a]	Feb. 6	59,364						4		9	2	2		1	
Do	Feb. 20	59,364						3		5					
Homestead, Pa	Feb. 14	12,554	13		2	1						1		1	
Do	Feb. 21	12,554	7		1			1		1		17			
Indianapolis, Ind	do	169,164	67		10	2		2		8		19			1
Jacksonville, Fla	Feb. 20	28,429	30		3					3					
Jersey City, N. J	Feb. 21	206,433	107		7			6	3	13	2	40		1	
Johnstown, Pa	Feb. 20	35,936	16				1	17		3	1	13		2	
Kansas City, Kans	do	51,418	18		5					1		2			
Kansas City, Mo	do	163,752	58		4	10	1	12		6	1			2	
Kearny, N. J	do	10,896	6					1		1					
Kingston, N. Y	do	24,535	8		3										
Knoxville, Tenn	do	32,637	25	7	7	1	1					5			
La Crosse, Wis	do	28,895	7					1							
La Fayette, Ind	Feb. 22	18,116	8		1		1	1				1			
Lancaster, Pa	Feb. 20	41,459	13		1			7							
Lawrence, Mass	do	62,559	30	6	6										
Lebanon, Pa	do	17,628	5	1		1				2		2			
Lexington, Ky	do	26,369	11		2									4	

[a] Reported out of date.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Little Falls, N.Y.	Feb. 13	10,381		3											
Do	Feb. 20	10,381		4	1										
Los Angeles, Cal.	Feb. 13	102,479	89	11	14	5	4	13		8		10			
Lowell, Mass	Feb. 20	94,969	41	1	4	1		4		3	1	3			
Lynchburg, Va	do	18,891								1				1	
Malden, Mass	do	33,664	15	1	2			3		5		8		1	
Manchester, N. H.	do	56,987	32	2	2	1		1		5	1			1	1
Manitowoc, Wis	do	11,786	3	1	1			1		3		4			
Mansfield, Ohio	do	17,650				2	1	2				1			
Marinette, Wis	do	16,195	2					1							
Marion, Ind	do	17,337	2					1							
Marlboro, Mass	do	13,609	7					1						2	
Massillon, Ohio	do	11,944	1												
Medford, Mass	do	18,244	3	6						2					
Melrose, Mass	do	12,962	5			1		2				2		3	
Memphis, Tenn.	Feb. 6	102,320			2			8		8					
Do	Feb. 12	102,320			5		2	5		4	1				
Do	Feb. 20	102,320	40	2	5			7		1					
Mobile, Ala	do	38,469	24	4	6	1	1								
Montclair, N. J	do	13,962	6		1			5		1		6			
Montgomery, Ala.	Feb. 19	30,346	17		1										
Moline, Ill	Feb. 21	17,248	7		1			2		2		25			
Morristown, N.J.	Feb. 20	13,000	6					3							
Mount Vernon, N. Y	do	21,228	3									19			
Muncie, Ind	do	20,942	6		1							3			
Nanticoke, Pa	Feb. 21	12,616	3							2		1			
Nashville, Tenn.	Feb. 20	80,865	38	3	3	1	1	5							
Nebraska City, Nebr	do	7,200	2												
Newark, N. J	do	246,070	124		16	4		32	2	26	1				
New Bedford, Mass	do	63,442	29	6	2			10		2		3			1
Newburyport, Mass	do	14,478	10												
New London, Conn	do	17,548	7	1		1									
New Orleans, La	do	278,104	142	36	26	12	3	50	2	5					
Newton, Mass	do	33,587	9	1	1			4		3		3			
New York, N. Y.	do	3,437,202	1,505	457	187	20	5	388	16	369	38	608	20	52	5
Niagara Falls, N.Y.	do	19,457	17	2	1	9		2		2		1			
North Adams, Mass	do	24,200	18												
Northampton, Mass	do	18,643	5	3				1				10			
Orange, N. J	do	24,141	8		2			4				2			
Ottumwa, Iowa	do	18,197	19		1	1						1			
Paducah, Ky	Feb. 12	19,446	6	6	2										
Do	Feb. 20	19,446	8	4	2										
Palmer, Mass	do	7,801	2												
Passaic, N. J	Feb. 6	27,777	18	1		1		1		2		3		2	
Pittsfield, Mass	Feb. 20	21,766	9	3				2				1			
Plainfield, N. J	do	15,369	7	2	1			1							
Plymouth, Pa	do	13,649						2		5		2			
Portsmouth, Va.	Feb. 16	17,427	9							1					
Do	Feb. 23	17,427	2					1							
Providence, R. I.	Feb. 20	175,597	96	7	9	1		11		14					2
Racine, Wis	do	29,102	2							1					
Reading, Pa	Feb. 22	78,961	25		3	5		1		1					
Richmond, Va	Feb. 13	85,050	45	3	8	7				2				3	
Do	Feb. 20	85,050	36	3	2	10		1				3			
Rockford, Ill	do	31,051								1					
Rock Island, Ill	do	19,493	5			1				1					
Saginaw, Mich	Feb. 6	42,345	10			1	1	2		1		13			
Do	Feb. 13	42,345	13			1	1	1				12			
Do	Feb. 20	42,345	8			1		1		6		4			
St. Louis, Mo	do	575,238	245	40	37	5	1	29		48	5	264	4	6	1
San Antonio, Texa	Jan. 31	53,321				1				2	1				
San Francisco, Cal.	Feb. 13	342,782	115	23	14	1		6		10	2	90	1	3	1
Schenectady, N.Y.	Feb. 20	31,682	16		2			5				2			
Shamokin, Pa	do	18,202	6	1	1							6			
Somerville, Mass.	do	61,645	29	2	1			10		7		7			1
South Bend, Ind	do	35,999	26	1	1					1		23			
So. Omaha, Nebr.	do	26,001						3	1						

[a] Reported out of date.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Spokane, Wash	Feb. 13	38,848	23	....	2	1	....	11	1	6	1	14	....	....	....
Springfield, Ill	Feb. 19	34,159	15	....	....	....	....	....	....	....	....	....	....	....	....
Springfield, Mass.	Feb. 20	62,059	26	....	2	....	....	4	....	1	....	2	....	....	....
Springfield, Ohio	...do	38,253	10	4	....	....	....	....	....	2	....	....	....	....	....
Steelton, Pa	...do	12,068	7	....	1	2	....	....	....	....	....	....	....	....	....
Taunton, Mass	...do	31,036	17	....	3	....	....	....	....	....	....	....	....	....	....
Terre Haute, Ind	...do	36,673	16	....	1	....	....	....	....	1	....	1	....	....	....
Tiffin, Ohio	...do	10,898	....	....	....	....	....	1	....	....	....	....	....	....	....
Titusville, Pa	...do	8,244	5	....	....	....	....	2	1	....	....	....	....	....	....
Topeka, Kans	...do	33,608	29	....	....	....	....	....	1	2	1	1	....	....	1
Trenton, N. J	...do	73,307	....	7	....	15	....	2	....	2	....	....	....	....	....
Waltham, Mass	...do	23,481	10	2	1	....	....	8	....	1	....	21	....	....	....
Warren, Pa	Feb. 14	8,043	1	....	....	....	....	....	....	....	....	....	....	....	....
Do	Feb. 21	8,043	3	....	....	....	....	....	....	....	....	....	....	....	....
Washington, D. C.	Feb. 20	278,718	131	39	18	10	3	13	1	18	2	684	1	11	....
Wheeling, W. Va	...do	38,878	19	7	3	....	....	....	....	3	....	1	1	....	....
Wichita, Kans.[a]	Jan. 30	24,671	....	....	....	....	....	2	....	2	....	....	....	....	....
Do	Feb. 20	24,671	....	....	....	....	....	1	....	....	....	1	....	....	....
Wilkes-Barre, Pa	Feb. 19	51,721	22	6	1	1	1	6	1	4	1	33	....	3	....
Wilkinsburg, Pa	Feb. 21	13,000	6	5	1	2	....	3	....	1	....	3	....	....	....
Williamsport, Pa	Feb. 20	28,757	10	....	....	....	....	1	....	4	1	....	....	....	....
Wilmington, Del	...do	76,508	26	....	1	....	....	....	....	....	....	....	....	....	....
Winona, Minn	Feb. 23	19,714	4	....	....	....	....	....	....	....	....	....	....	....	....
Woburn, Mass	Feb. 20	14,254	5	....	4	....	....	....	....	....	....	....	....	....	....
York, Pa	...do	33,708	....	19	....	....	....	2	....	3	....	....	....	7	....

[a] Reported out of date.

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, February 3 and 10, 1909

CHOLERA.

DUTCH INDIES.—December 22. Quarantine measures against Singapore suspended.

EGYPT.—January 23. Cholera regulations in force against Tuticorin.

RUSSIA.—January 16. The government of Taurida and the district of Tambov declared free from cholera. January 21. The Province of Nagasaki in Japan declared cholera infected.

TURKEY.—January 26. Measures against Taganrog suspended. Vessels from Russian ports of the Black Sea carrying emigrants or similar aggregations of men subject to medical inspection and disinfection at the lazaretto at Sinope or at Monastir-Aghzy (Kavak), said measures to take not more than twenty-four hours in application.

PLAGUE.

AUSTRIA.—January 20. Measures against arrivals from Beirut suspended by order of the maritime sanitary authorities at Trieste.

CHINA.—December 31. The German consul at Chefoo, acting in concert with the Chinese local authorities and the consular representatives of the treaty powers, has suspended control measures for German vessels arriving from Swatow, Tientsin, and Chinwangtao. The importation of articles previously forbidden is still prohibited.

DUTCH INDIES.—December 19. Quarantine measures against Kobe ordered.

TURKEY.—January 18. Measures against arrivals from Beirut suspended.

ALGERIA.

Deratization at Algiers—Rat fleas.

The following is taken from the *Bulletin Bimensuelle*, Algiers, January 31:

January 16–31: Rodents taken by the maritime sanitary service, 379; examined by the laboratory of health, 68; result, negative. Classification of rats: *Mus norvegicus*, 290; *Mus rattus*, 46; *Mus alexandrinus*, 1; *Mus musculus*, 42. Rat fleas determined—*Pulex cheopis*, on *Mus rattus*, 37; *Ctenopysylla musculi*, on *Mus rattus*, 31; *Ceratophyllus fasciatus*, on *Mus rattus*, 1; *Ctenopsylla musculi*, on *Mus norvegicus*, 6; *Pulex cheopis*, on *Mus norvegicus*, 84.

AUSTRALIA.

Examination of rodents for plague infection at Brisbane.

The following information is taken from plague bulletins received from the Department of Public Health of Queensland:

Date of finding of last plague-infected rat, September 15, 1908.

Week ended January 9. Rodents destroyed, 689; examined, 512; plague rodents, 0. Week ended January 16. Rodents destroyed, 604; examined, 541; plague rodents, 0.

BARBADOS.

Report from Bridgetown—Status of yellow fever in the Island.

Consul Martin reports, February 11:

Since February 3 there have been 6 cases of yellow fever reported, 1 case in Bridgetown and the other cases in the outlying parishes of St. Joseph and St. Lucy. The case in Bridgetown was that of the senior resident surgeon at the Barbados general hospital. The disease seems now to be abating, and the general board of health is taking measures for better sanitation, care of patients, and destruction of mosquitoes. No Europeans or transient visitors have been attacked.

BRITISH GUIANA.

Report from Georgetown—Status of yellow fever at Paramaribo, Dutch Guiana.

Consul Clare reports, January 30:

The consular agent at Paramaribo, in a letter dated January 27, states that since the outbreak of yellow fever, December 18, there have been 32 cases, of which 8 terminated fatally and 24 recovered. No new cases have occurred since January 18.

CHINA.

Report from Canton—Sanitary conditions.

The following report, forwarded by Vice Consul-General Hull, under date of January 4, was received from the Department of State February 24:

Sanitary conditions of Canton, China.

There are no official statistics or records of facts relating to the sanitary conditions and mortality rate of Canton. The following statement, based on personal observation, includes the entire city proper, within and without the walls, Honam (south of the river), Fati, Fong Tsun, and the boat population.

With the exception of the diseases enumerated in the following table, the mortality due to ordinary causes is probably nearly double that of the large cities of Europe or America. It certainly is not as high as has often been estimated.

Epidemic diseases.

Year.	Bubonic plague.		Cholera.		Beriberi.	
	Cases.	Mortality.	Cases.	Mortality.	Cases.	Mortality.
		Per cent.		*Per cent.*		*Per cent.*
1898	5,000	90	.....	.....	1,000	30
1899	5,000	90	.....	.....	1,000	30
1900	1,000	90	1,000	90	2,000	30
1901	1,000	90	2,000	90	1,000	30
1902	1,000	90	500	90	1,000	30
1903	2,000	80	.....	.....	1,000	30
1904	2,000	80	300	90	3,000	30
1905	3,000	80	.....	.....	3,000	25
1906	1,000	80	.....	.....	3,000	25

Bubonic plague was unknown in modern times in Canton previous to 1894.

Most of the buildings in Canton are low, being only one story, or a story and a half high, with large openings from the top to the ground floor. Light and ventilation are provided for by ventilators or skylights in the roof. During the hot season (April to October, inclusive) from 60 to 70 per cent of these buildings have a bamboo or mat wind shoot or funnel which distinctly reduces the temperature within the buildings. The city streets are largely paved with Hongkong granite stone. In the center of most of the streets is a surface sewer about 2 feet wide and 3 feet deep, just beneath the stone pavement, built of sandstone, brick, or tile. While these sewers are often clogged, they are also frequently cleared out. About one-half of these sewers, more particularly those outside the walls, are reached by tide water each day, which helps to clear these drains. The difference between high and low tide is about 6 feet. For centuries past the city water supply has been from surface wells and the river. This is now largely modified by the recent introduction of a modern system of waterworks, pressure being secured by well-constructed standpipes. The source of supply is from the river several miles northwest of the city. Modern machinery, filter beds, and pipes are used and an analysis of the water shows it to be of good quality.

The diseases of Canton.—These are such as are usually found in a semitropical climate. Malaria, dysentery, and enteric fever are common, though the latter has prevailed only during recent years. Tuberculosis is rife. Beriberi and bubonic plague are restricted largely to the summer months. True Asiatic cholera has been present twice during the past twenty years in epidemic form. At other times only occasional cases are seen. Smallpox is common in a mild form among the Chinese during the winter months (December to February). Leprosy in its various forms is frequently met with among the poorer classes of Chinese.

The population of Canton is generally overestimated. No census has been taken, but a fair estimate of the population of Canton and its immediate suburbs, including the boat population, would certainly be somewhat less than 2,000,000. Canton city itself, exclusive of the boat population, which may be estimated at 200,000, would hardly reach 1,000,000.

There are almost no native hospitals in Canton, civil or military, worthy of the name. There are many public dispensaries connected with the Shin Tongs, or halls of good works, scattered about the city,

but their use is largly restricted to the dispensing of Chinese drugs to outpatients. There is a military hospital in a temporary building or shed, connected with the large camp just outside the northeast corner of the city, near the imperial mint. There is also a Fong Pin hospital just off the northwest corner of the city wall where patients are received as inpatients.

The principal hospital and the oldest in the city is the Medical Missionary Society's hospital, commonly called the Canton Hospital. For fifty years the hospital has carried on a large work, introducing the first modern surgery into China. The hospital has 300 beds, and in emergency this number could be largely increased. Its location is on the river front, less than one-fourth mile east of the custom-house and foreign settlement. Over 2,000 inpatients and 25,000 outpatients are treated annually, while about 2,000 surgical operations are performed each year. There are 10 main buildings, including the medical college building, connected with the hospital. The institution is supported entirely by the local Chinese and foreign communities.

There is also the Paul Domour French hospital, located near the electric light works, on the river front. It is a neat little hospital of about 80 to 100 beds, managed on modern lines, and efficient work is done.

CUBA.

Report from Cienfuegos—Inspection of vessels.

Acting Assistant Surgeon Suarez reports, February 22:

Week ended February 20.

Vessels inspected	3
Bills of health issued	3
Members of crews inspected	69

No quarantinable diseases were reported.

Report from Habana—Inspection of vessels—Sanitary conditions.

Passed Assistant Surgeon Amesse reports, February 22:

Week ended February 20.

Vessels inspected	22
Bills of health issued	27
Members of crews of outgoing vessels inspected	1,209
Passengers of outgoing vessels inspected	1,468

Local and provincial sanitary officers report satisfactory health conditions at all points in the Republic.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, February 22:

Week ended February 20. Bills of health granted to 6 vessels leaving for United States ports.

Reports from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, February 17 and 23:

Week ended February 13.

Bills of health issued to 3 vessels bound for the United States. No quarantinable disease reported.

Week ended February 20.

Bills of health issued to 8 vessels bound for the United States and its dependencies.

No quarantinable disease has been reported, except one death from leprosy.

EGYPT.

Summary of plague in Egypt from 1899 to 1908, inclusive.

The following is taken from the *Bulletin Quarantenaire*, published by the sanitary, maritime, and quarantine board of Egypt, under date of February 4.

From 1899 to 1908, inclusive, plague was officially reported as follows:

Year.	Cases.	Deaths.	Year.	Cases.	Deaths.
1899	93	45	1905	266	181
1900	127	60	1906	631	475
1901	205	102	1907	1,253	914
1902	481	291	1908	1,511	780
1903	303	160			
1904	854	501	Total	5,724	3,509

Plague in the principal cities of Egypt.—At Cairo, in 1906, there was 1 case with 1 death of plague. At Alexandria plague was present in all the years covered by the report, with a total of 997 cases, 595 deaths. At Port Said plague was reported in 1900 and was consecutively present, with a total of 232 cases, 127 deaths. At Suez the disease appeared in 1904 and was present in 1905, 1906, and 1907, with 97 cases, 70 deaths. At Ismaila, which is situated on the Suez and Sweetwater canals and equally distant from the Red and Mediterranean seas, plague was present in 1907 with a total of 10 cases, 8 deaths. Of the 20 government districts, including Nubia, into which Egypt is divided, 17 were infected with plague. The total population, census of 1897, was stated at 9,734,405.

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of February 15:

According to the latest official bulletin there were registered in the city of St. Petersburg during the week ended January 23, 273 cases of cholera and 114 deaths; in the government district of Tomsk, 3 cases and 1 death, and in the Don territory, 13 cases and 7 deaths, making a total for the week of 289 cases and 122 deaths. According to an official supplementary report, the total number of cholera cases in Russia

during the previous week amounted to 217, with 59 deaths, of which 2 cases and 1 death occurred in the government district of Petersburg, 1 case and 1 death in the government district of Moscow, 23 cases and 7 deaths in the Don territory, and 5 cases in the Akmolinsk territory.

HAWAII.

Report from Honolulu—Examination of rats for plague infection at Honolulu and Hilo.

Passed Assistant Surgeon Currie, plague laboratory, reports, February 1, through Temporary Chief Quarantine Officer Moore:

HONOLULU.

Week ended January 30.

Total rats taken	559
Trapped	555
Found dead (3 mus musculus and 1 mus alexandrinus)	4
Examined bacteriologically	476
Showing plague infection	0
Classification of rats trapped:	
Mus alexandrinus	70
Mus musculus	333
Mus norvegicus	45
Mus rattus	103
Average number of traps set daily	1,569
Rats from Hilo referred to this laboratory for bacteriological diagnosis	2
Rats from Hilo still under investigation	4
Rats from Hilo proven to be plague infected during week	2

HILO.

Week ended January 23.

Total rats taken	267
Trapped	260
Found dead	7
Examined by agent of board of health	267
Classification of rats:	
Mus alexandrinus	13
Mus musculus	7
Mus norvegicus	140
Mus rattus	107

INDIA.

Reports from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Eakins reports, February 4:

Week ended January 30. Bill of health issued to the steamship *Matoppo*, bound for Boston and New York with a total crew of 52. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

Week ended January 23. At Calcutta there were 9 deaths from cholera, 13 from plague, and 98 from smallpox. In Bengal, 247 cases of plague, with 205 deaths. In India, 2,899 cases of plague, with 2,306 deaths.

Smallpox in Calcutta.

The following is received from Consul-General Michael, under date of January 14:

Smallpox has appeared in Calcutta in some localities. It is specially prevalent in the Badur Bagan quarter, and many applications for vaccination are received. The present outbreak is very mild and deaths are very few. There have been several cases, with one death, among Europeans.

ITALY.

Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox at Naples—Status of smallpox in Italy.

Assistant Surgeon Wollenberg reports, February 5:

Vessels inspected at Naples and Palermo, week ended February 6.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 1	Madonna	New York	957	70	1,450
2	Caronia	do			
3	Perugia	do	173	10	380
4	Cedric	do	1,593	90	2,250
5	Campania	do	1,006	15	750
5	Königin Luise	do	926	60	1,150
6	Roma	do	593	40	980
	Total		5,248	285	6,960

PALERMO.

Feb. 4	Perugia	New York	583	400	259

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Feb. 1	Madonna	20	2	7		4	33
2	Caronia						
3	Perugia	8	4	4		2	18
4	Cedric	21	5	7	1	11	45
5	Campania	19	3	4		3	29
5	Königin Luise	11	3	10	2	5	31
6	Roma	24	2	8	1	3	38
	Total	103	19	40	4	28	194

PALERMO.

Feb. 4	Perugia	16		15		1	32

Smallpox at Naples.—During the week ended February 7 there were 25 cases of smallpox and 5 deaths reported at the health office of the city of Naples.

Status of smallpox in Italy.—Week ended February 7.

Province of Rome (Nerola), 6 cases; Reggio Calabria (Tatrinoli), 2 cases; Milan (Affori), 1 case.

JAPAN.

Report from Yokohama—Inspection and fumigation of vessels—Plague rat on steamship Decalion at Kobe—Plague cases from coasting steamship from Osaka—Cholera, plague, and smallpox in Japan, year 1908.

Passed Assistant Surgeon Cumming reports, February 6:

During the two weeks ended February 6 bills of health were issued to 7 vessels having an aggregate of 74 saloon and 90 steerage passengers and 720 members of crews. Two of these vessels were fumigated in part, the steamship *Suruga*, hence via Chinese and Japanese ports to New York, because of having lain at a dock in Shanghai without precautions, and the Nippon Yusen Kaisha mail steamship *Yawata Maru* for Australia via Manila. These vessels were fumigated each trip.

No more plague-infected rats have been found, and this city is in good sanitary condition. A rat taken from the British steamship *Decalion* at Kobe having been found infected, a telegram to the port officer insured her disinfection at this port.

The *Shinkochi Maru*, a coasting steamship of the Osaka Chosen Kaisha, left a case of plague at Kagoshima, and another was found upon her return to Osaka. The frequency with which infection has been spread from Osaka shows the necessity of careful watching of freight from that place (shipped at Kobe) to avoid inclusion of infected rats in packages.

The home department reports the following diseases throughout the Empire for the year 1908: Smallpox, 24,189 cases; dysentery, 40,044 cases; plague, 352 cases; cholera, 564 cases. This shows an increase in smallpox and a decrease in plague and cholera.

Examination of emigrants.

Number of emigrants per steamship *Tenyo Maru*, January 30: For Honolulu, held for observation, 7; for San Franciso, 3.

Per steamship *Tango Maru* for Seattle, February 3: Recommended for rejection, 5.

Rejections and detentions were for trachoma.

Report from Kobe—Inspection of vessels—Examination and disinfection of emigrants.

Acting Assistant Surgeon Knight reports, February 2: Week ended January 30. Supplemental bills of health were granted to 4 steamships. There were inspected 62 members of crews and 49 steerage passengers. Twenty-four steerage passengers were bathed and disinfected. Their

effects were disinfected by steam. The number of pieces of baggage steamed was 58, and bedding 46. Manifests were viséd for 52,547 pieces of freight, amounting to 4,212 tons.

Emigrants were examined as follows: Steamship *Tenyo Maru*, for Honolulu, passed 13, recommended for rejection 16; steamship *Tenyo Maru*, for San Francisco, passed 7, recommended for rejection 1; steamship *Tango Maru*, for Seattle, passed 2, recommended for rejection 6. The emigrants passed, together with 1 intending passenger to Victoria, by the steamship *Tango Maru*, were inspected, bathed, and disinfected. Their effects were disinfected before embarkation.

In Yura, there was reported a total of 116 cases of plague.

One case of plague was reported on the steamship *Shinkochi Maru* January 29, at Osaka. This vessel plies in trade between Osaka and Kushu.

MEXICO.

Report from Salina Cruz—Inspection and fumigation of vessel.

Acting Assistant Surgeon McPherson reports, February 16:

During the period February 1 to 15, inclusive, 1 steamship was inspected and fumigated on clearing from this port for the United States.

PERU.

Report from Callao—Inspection and fumigation of vessels—Status of plague in Peru—Smallpox at Lima—Plague and smallpox in Chile.

Acting Assistant Surgeon Gutierrez reports, February 5:

Week ended January 30, 3 vessels were fumigated. They carried an aggregate personnel of 49 members of crews and 4 cabin passengers.

The following is the latest report on plague in Peru received from the Director de Salubridad Pública:

Locality.	Cases Jan. 15.	New.	Recovered.	Died.	Remaining Jan. 28.
Lima	6	4	2	3	5
Callao	4	7	1	5	5
Trujillo (city)	39	13	13	12	39
Trujillo (country)		12			
Chepen	2	3		1	4
San Pedro	9		3		6
Chiclayo	2	10	5	7	
Ferreñafe	1				1
Mollendo	3	2	2	1	2
Motupe	2				2
Chorrillos		2		1	1
Catacaos	4				4
Chota	8	3 (?)		2	11
Zaña	1	1		2	
Piura	2		2		

There were 5 cases of smallpox at the lazaretto at Lima January 21. No cases were reported at Callao.

Plague at Callao continues. There have been 3 cases this month.

Plague in Chile is reported as follows: Iquique, January 26, 9 cases in the lazaretto; 4 cases in two weeks.

Smallpox continues in the country around Talcahuano, Chile.

RUSSIA.

Report from Libau—Status of cholera at St. Petersburg—Leprosy at Libau—Examination of emigrants.

Acting Assistant Surgeon De Forrest reports, February 9:

During the week ended February 8, 173 new cholera cases with 66 deaths were reported at St. Petersburg. No new cases of cholera have been reported from any other part of Russia since February 1.

Two cases of leprosy were removed from Libau during the first week in February.

The steamship *Estonia* sailed to-day with 642 steerage and 5 cabin passengers for New York. Five passengers were destined for Copenhagen, where the vessel anchors to take on supplies. All passengers for Copenhagen by steamships carrying passengers from Libau are required to observe the same quarantine as those sailing direct for New York.

ST. PIERRE ISLAND.

Report from St. Pierre—Quarantine against coast of Newfoundland on account of smallpox.

Consul Jenkins reports, January 13:

The quarantine against smallpox (see Public Health Reports, Feb. 19, 1909, p. 215) is still in force, and applies to all vessels clearing from the Newfoundland coast, but especially to vessels sailing from certain southern seacoast villages which the authorities here declare are known to be infected with smallpox.

American vessels returning from the Newfoundland coast with bait, should they call at St. Pierre, would be subject to quarantine. It can not be stated how serious the reported epidemic of smallpox is in Newfoundland. The health department of St. Pierre and Miquelon reports that there are no cases of smallpox in this colony.

SALVADOR.

Report from San Salvador—Smallpox—Vaccination.

The following is received from Consul-General Frazier, under date of February 6:

During the past month several cases of smallpox have appeared in Salvador. At San Salvador there have been 3 cases to date, none of which were fatal; in Santa Ana, from 30 to 40 cases, and slight outbreaks in the towns which are situated on the routes of travel between this Republic and Guatemala. The board of health maintains a bureau of vaccination at San Salvador which not only distributes vaccine, but also sends out vaccinators to the towns and villages throughout the country. It is due to the energetic and prompt action of this bureau of vaccination that practically the entire population has already been vaccinated. The best medical opinion is that the disease is now under control, and that it is unlikely to develop into a serious epidemic.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

ARGENTINA—*Rosario de Santa Fe.*—Month of November, 1908. Estimated population, 154,663. Total number of deaths, 350, including diphtheria 1, measles 7, enteric fever 8, scarlet fever 1, whooping cough 1, and 35 from tuberculosis.

AUSTRALIA—*State of South Australia*, including the city of *Adelaide.*—Month of November, 1908. Estimated population of State, 394,692; city, 40,185. Total number of deaths 157, including enteric fever 1, and 17 from tuberculosis.

CANADA—*British Columbia—Vancouver.*—Month of January, 1909. Estimated population, 66,500. Total number of deaths, 50, including 8 from tuberculosis.

CHILE—*Punta Arenas.*—Month of December, 1908. Estimated population, 12,000. Total number of deaths, 21, including 2 from tuberculosis.

CUBA—*Matanzas.*—Three weeks ended February 10, 1909. Estimated population, 35,515. Total number of deaths, 62, including enteric fever 1, diphtheria 1, and 11 from tuberculosis.

DUTCH GUIANA—*Paramambo.*—Month of January, 1909. Estimated population, 34,962. Total number of deaths, 112, including 1 from yellow fever.

FRANCE—*Marseille.*—Month of January, 1909. Estimated population, 517,498. Total number of deaths, 1,329, including diphtheria 3, enteric fever 34, measles 12, smallpox 1, and 127 from tuberculosis.

Nice.—Month of December, 1908. Estimated population, 150,881. Total number of deaths, 235, including diphtheria 2, enteric fever 5, and 34 from tuberculosis.

Roubaix.—Month of January, 1909. Estimated population, 121,115. Total number of deaths, 179, including diphtheria 3, scarlet fever 2, measles 2, and 29 from tuberculosis.

St. Etienne.—Two weeks ended January 31, 1909. Estimated population, 150,000. Total number of deaths, 168, including diphtheria 2, enteric fever 3, scarlet fever 1, and 16 from tuberculosis.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended February 6, 1909, correspond to an annual rate of 18.7 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand eight hundred and seventy-eight deaths were registered during the week, including measles 52, scarlet fever 11, diphtheria 24, enteric fever 7, whooping cough 29, tuberculosis 164, and 12 from diarrhea. The deaths from all causes correspond to an annual rate of 20.3 per 1,000. In greater London 2,617 deaths were registered. In the "outer ring" the deaths included 3 from measles, 9 from diphtheria, scarlet fever 4, and 2 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 6, 1909, in the 21 principal town districts of Ireland was 20.7 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Galway, viz, 7.8, and the highest in Sligo, viz, 38.4 per 1,000.

Belfast.—Annual report for the year 1908. Estimated population, 380,344. Total number of deaths, 7,523, including measles 186, scarlet fever 4, whooping cough 137, diphtheria 33, enteric fever 57, and 1,258 from tuberculosis. The number of deaths correspond to an annual death rate of 19.5 per 1,000 of population.

Scotland.—The deaths registered in 8 principal towns during the week ended February 6, 1909, correspond to an annual rate of 18.5 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Dundee, viz, 25.9, and the lowest in Leith, viz, 14.6 per 1,000. The aggregate number of deaths registered from all causes was 662, including diphtheria 12, scarlet fever 4, whooping cough 42, measles 2, and enteric fever 1.

GREECE—*Patras.*—Two weeks ended January 31, 1909. Estimated population, 40,000. Total number of deaths, 31, including scarlet fever 1, and 1 from tuberculosis.

HAWAII—*Honolulu.*—Month of January, 1909. Estimated population, 39,306. Total number of deaths reported, 76, including enteric fever 1, diphtheria 1, and 8 from tuberculosis.

ITALY—*Genoa.*—Two weeks ended January 31, 1909. Estimated population, 279,163. Total number of deaths, 359, including enteric fever 1, diphtheria 5, measles 20, and 48 from tuberculosis.

JAPAN—*Formosa.*—Two weeks ended January 23, 1909. Estimated population, 3,108,723. Total number of deaths not reported. Deaths from contagious diseases reported were: Enteric fever 5, diphtheria 3, and 19 from plague.

MAURITIUS—*Port Louis.*—Month of November, 1908. Estimated population, 376,635. Total number of deaths, 912, including enteric fever 5, diphtheria 1, plague 43, and 78 from tuberculosis.

SPAIN—*Cadiz.*—Month of January, 1909. Estimated population, 69,382. Total number of deaths, 180, including typhus fever 1, whooping cough 25, and 32 from tuberculosis.

Madrid.—Month of January, 1909. Estimated population, 556,663. Total number of deaths, 1,902, including smallpox 14, enteric fever 6, scarlet fever 3, diphtheria 17, measles 134, whooping cough 4, and 144 from tuberculosis.

Seville.—Month of January, 1909. Estimated population, 148,315. Total number of deaths, 407, including measles 1, scarlet fever 1, diph theria 1, and 53 from tuberculosis.

WEST INDIES—*Curaçao.*—Month ended February 5, 1909. Estimated population, 30,400. Total number of deaths, 38.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to March 5, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo	Nov. 15-Dec. 5	12	10	
China:				
Hongkong	Dec. 28-Jan. 2	1	1	
India:				
Bombay	Dec. 9-Feb. 2		74	
Calcutta	Nov. 1-Jan. 16		111	
Madras	Nov. 14-Jan. 8		50	
Negapatam	Oct. 31-Nov. 6		1	
Rangoon	Nov. 8-Jan. 23		15	
Indo-China—Cholen	Nov. 9-15	1	1	
Persia:				
Tabriz	Oct. 9-Dec. 28	1,003	500	
Philippine Islands:				
Manila	Nov. 1-Jan. 2	84	56	Third quarter, 1908, 673 cases and 458 deaths.
Provinces				Third quarter, 1908, 17,619 cases and 11,115 deaths.
Antique	Nov. 1-Jan. 12	258	160	
Bataan	Nov. 1-7	1	1	
Bohol	Dec. 20-Jan. 12	60	37	
Bulacan	Nov. 1-Dec. 19	81	67	
Cagayan	Nov. 1-Jan. 12	109	64	
Capiz	Nov. 1-Jan. 2	908	495	
Cavite	Nov. 1-Jan. 12	73	56	
Cebu	Dec. 20-Jan. 12	12	8	
Ilocos Norte	Nov. 1-Jan. 12	331	231	
Ilocos Sur	Nov. 1-Jan. 2	207	140	
Iloilo	Nov. 1-Jan. 12	292	153	
La Laguna	Nov. 1-Jan. 12	71	46	
Leyte	Nov. 1-Jan. 12	142	121	
Negros Occidental	Nov. 1-Jan. 2	261	166	
Palawan	Nov. 1-Dec. 19	10	5	
Pampanga	Nov. 1-28	3	3	
Rizal	Nov. 1-Jan. 12	205	184	
Samar	Nov. 1-Dec. 26	140	98	
Surigao	Nov. 15-Jan. 12	7	4	
Union	Nov. 1-Jan. 12	12	8	
Zambales	Dec. 6-12	3	3	
Russia, general	Nov. 15-Jan. 30	3,603	1,494	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places: Schuscka, Dnjeprowsk (Simferopol), Bijsk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska Etschmiadsin, and Dorpat.
Akmolinsk	Nov. 15-Jan. 23	34	13	
Bakoo	Nov. 22-28	3	2	
Batoom	Nov. 15-21	4	2	
Cronstadt	Nov. 15-Jan. 16	3	1	
Don, territory of	Nov. 15-Jan. 30	184	93	
Ekaterinislav	Nov. 15-Dec. 26	27	11	
Erivan	Dec. 1-31	28	21	
Helsingfors	Jan. 10	2		In vicinity.
Kerson	Nov. 15-Dec. 19	2		
Kharkov	Dec. 6-12	1		
Kief	Nov. 15-Dec. 12	11	1	
Kooban	Nov. 15-Jan. 2	139	76	
Kostroma	Dec. 6-12	1		
Livonia	Nov. 15-21	2	1	
Moscow district	Dec. 6-Jan. 30	8	8	
Moscow	Jan. 17-23	1	1	Imported.
Odessa	Nov. 29-Dec. 12	2	2	
Olonets	Nov. 21-28	1	1	
Poltava	Nov. 29-Dec. 5	3		
Samara gov't dist	Nov. 29-Dec. 5	7	7	
Samarcand	Dec. 6-12	10	7	In vicinity.
Saratov	Nov. 15-Dec. 12	11	6	
Semipalatinsk, territory of	Dec. 19-26	1		
Stavropol	Nov. 15-21	1		
St. Petersburg, government	Nov. 15-Dec. 30	12	7	
St. Petersburg	Nov. 29-Jan. 30	1,423	467	Feb. 9, still present.
Tambov	Nov. 15-Dec. 12	16	8	
Tavride	Nov. 15-Dec. 19	9	5	
Terek, territory of	Nov. 15-Dec. 19	99	62	
Tiflis	Nov. 15-21	9	4	
Tomsk	Nov. 15-Jan. 23	102	48	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Tver, district	Nov. 15-Dec. 5	4		
Volgoda	Dec. 6-12	1		
Yelisavetpol	Nov. 26-Dec. 5	5	10	
Siam:				
Bangkok	Nov. 1-Dec. 5	1		
Straits Settlements:				
Singapore	Nov. 8-Jan. 23		161	

YELLOW FEVER.

Barbados, general	Dec. 12-Feb. 11	25	11	Including the parishes of St. Andrew, St. Lucy, and St. Joseph.
Bridgetown	Dec. 12-Feb. 11	5		
Brazil:				
Bahia	Nov. 15-Jan. 16	53	18	Feb. 1. Epidemic.
Manaos	Nov. 29-Jan. 30		5	
Para	Nov. 22-Feb. 6		30	
Pernambuco	Nov. 15-30		1	
Colombia:				
Cartagena	Jan. 8-14	1	1	
Cuba:				
Oriente Province—				
San Luis	Jan. 1-2	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.
Curaçao	Jan. 15	1		
Dutch Guiana:				
Paramaribo	Dec. 1-Jan. 27	32	8	
Ecuador:				
Guayaquil	Nov. 29-Jan. 30		15	
Martinique:				
Fort de France	Dec. 13-Jan. 30	3	1	
Mexico:				
Itzincal plantation	Dec. 6-12	2	2	
Maxcanu	Dec. 6-Jan. 23	5	4	Aug. 22-Dec. 18, 5 cases not previously reported.
Merida	Dec. 6-Feb. 6	13	7	
San Bernardo plantation	Dec. 27-Jan. 30	4	2	
Sodzil plantation	Dec. 13-Jan. 2	7	5	
Ticul	Feb. 1-6	1	1	
Veracruz	Dec. 6-Feb. 13	13	6	
Trinidad:				
Port of Spain	Jan. 20		1	

PLAGUE.

Australia:				
Brisbane	Nov. 1-7	1	1	
Brazil:				
Bahia	Nov. 15-Jan. 9	23	12	Feb. 1. Epidemic.
Para	Jan. 24-Feb. 6		2	
Pernambuco	Nov. 1-Dec. 31		10	
Rio de Janeiro	Nov. 16-Jan. 17	57	29	
Chile:				
Iquique	Nov. 22-Jan. 26	22	3	
China:				
Hankau	Nov. 30-Dec. 5	1	1	On river boat Loongwo.
Hongkong	Nov. 8-Jan. 2	2	2	
Tientsin	Oct. 18-Nov. 21			Still present.
Tongshan	Nov. 1-14			Present.
Ecuador:				
Guayaquil	Nov. 29-Jan. 30		17	
Milagro	Nov. 17-Dec. 12	17	8	Dec. 19, still present.
Egypt:				
Alexandria	Nov. 14-Dec. 4	3		
Port Said	Dec. 4	1		
Provinces—				
Assiout	Dec. 2-Jan. 13	5	5	
Beherach	Nov. 24-Dec. 26	11	6	
Dakaklieh	Feb. 4	1	1	
Galyoobeeyeh	Nov. 21-Feb. 2	3		
Garbieh	Nov. 27-Jan. 28	4	2	
Girgeh	Oct. 18-Feb. 1	6	6	
Fayoum	Nov. 23-Dec. 1	1	1	
Menouf	Nov. 27-Jan. 17	155	35	
Minieh	Nov. 25-Jan. 27	4		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay Presidency and Sind.	Nov. 2-Jan. 9	10,519	7,444	
Madras Presidency	Nov. 2-Jan. 9	634	475	
Bengal	Nov. 2-Jan. 9	1,261	1,064	
United Provinces	Nov. 2-Jan. 9	1,164	985	
Punjab	Nov. 2-Jan. 9	4,691	3,904	
Burma	Nov. 2-Jan. 9	1,129	1,093	
Central provinces, including Berar.	Nov. 2-Jan. 9	1,818	1,356	
Coorg	Nov. 2-Dec. 17	5	3	
Mysore State	Nov. 2-Jan. 9	1,845	1,301	
Hyderabad State	Nov. 2-Jan. 9	343	285	
Central India	Nov. 2-Jan. 9	555	438	
Rajputana	Nov. 2-Jan. 9	767	752	
Grand total		24,731	19,100	
Indo-China:				
Cholen	Oct. 25-Dec. 19	12	11	Including Chuquan.
Saigon	Oct. 25-Jan. 16	10	9	
Japan:				
Formosa	Nov. 8-Jan. 23	39	25	
Kagi, prefecture	Jan. 16	5		
Hiogo				
Kagoshima	Feb. 6	1		From s. s. Skinkochi.
Kobe	Jan. 20	2	2	Year 1908, 219 cases additional.
Nara				
Nishinomiya	Jan. 6	1		Year 1908, 2 cases additional.
Osaka	Dec. 22	2	1	Year 1908, 53 cases. Year 1908, 59 cases additional; Jan. 29, on s. s. Shinkochi Maru.
Yura		116	83	Year 1908.
Mauritius	Oct. 2-Nov. 28		64	
Peru:				
Callao	Nov. 13-Jan. 28	17	6	
Catacaos	Dec. 11-Jan. 14	4		
Chorrillos	Jan. 22-28	2	1	
Chepen	Nov. 27-Jan. 28	13	3	
Chiclayo	Nov. 13-Jan. 28	26	15	
Chota	Jan. 22-28		2	
Eten	Nov. 13-Dec. 31	11	10	
Ferrenafe	Nov. 13-Dec. 24	9	3	
Lima	Nov. 13-Jan. 28	38	13	
Mollendo	Nov. 13-Jan. 28	8	3	
Monsefu	Nov. 13-Dec. 24	7	2	
Motupe	Dec. 17-Jan. 14	2		
Oyotun, plantation	Nov. 20	4		
Paita	Dec. 11-17	3	2	
Piura	Dec. 11-Jan. 14	6	4	
San Jose (Lambayeque)	Nov. 13-Dec. 3	2		
San Pedro	Nov. 13-Jan 14	23	16	
Trujillo	Nov. 13-Jan. 28	129	57	
Zaña	Jan. 14-28	2	2	
Siam:				
Bangkok	Sept. 27-Dec. 19	7	1	Present in November.
Straits Settlements:				
Singapore	Nov. 30-Dec. 5	1		
Turkey in Asia:				
Bagdad	Nov. 6-Jan. 24	41	14	
Beirut	Dec. 17-Jan. 9	5	5	
Jiddah	Dec. 12-Jan. 24	9	9	Feb. 3, still present.
Zanzibar	Nov. 10	1	1	

SMALLPOX.

Algeria:				
Algiers	Dec. 1-Jan. 31		58	Imported.
Arabia:				
Aden	Nov. 25-Feb. 1		66	
Argentina:				
Buenos Aires	Oct. 1-31		1	
Australia:				
New South Wales—				
Newcastle	Nov. 1-30	1		
Austria:				
Galicia	Dec. 20-Jan. 23	8		
Silesia	Jan. 3-9	1		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia	Nov. 15-Jan. 16	225	16	
Pernambuco	Nov. 1-Dec. 31		62	
Rio de Janeiro	Nov. 16-Jan. 17	1,165	563	
Santos	Nov. 1-Dec. 20		10	
São Paulo	Nov. 1-Dec. 27		36	
British Honduras:				
Stann Creek	Feb. 5-11	1		32 miles south of Belize.
British South Africa:				
Cape Town	Dec. 28-Jan. 2	4		
Canada:				
British Columbia—				
Vancouver	Dec. 1-31	1		
Victoria	Dec. 12	25	4	
Manitoba—				
Winnipeg	Dec. 20-Jan. 20	6		
Ontario, Province, general	Dec. 1-31	118		
Hamilton	Jan. 17-23	1		
Toronto	Nov. 8-28	7		
Nova Scotia—				
Halifax	Dec. 13-Feb. 13	43		
Tusketwedge	Feb. 13	1		
Yarmouth	Dec. 1-Feb. 20	26		And vicinity.
Quebec—				
Montreal	Dec. 26-Jan. 2	1		
Ceylon:				
Colombo	Nov. 1-21	62	13	
Chile:				
Talcaguana	Nov. 20-Jan. 28			Present in vicinity.
Valparaiso	Dec. 6-19	2		
China:				
Amoy	Oct. 11-Nov. 8		2	Dec. 19, still present.
Shanghai	Nov. 11-Jan. 10	4	1	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Cuba:				
Habana	Dec. 26-Jan. 19	3		Case Dec. 26 on s. s. Floride, case Jan. 19 on s. s. Alfonso XIII.
Egypt, general	Nov. 12-Jan. 14	431	109	
Alexandria	Nov. 26-Jan. 14	13	7	
Cairo	Nov. 19-Jan. 28	229	95	
France:				
Marseille	Dec. 1-Jan. 31		2	
Paris	Nov. 22-Feb. 6	25	1	
Germany, general	Nov. 19-Feb. 13	32		
Bremen	Jan. 16-23	2		
Breslau	Dec. 20-26	1		
Königsberg	Jan. 9	1		
Greece:				
Athens	Nov. 22-Jan. 2		4	
Patras	Dec. 16-31	1	1	
Great Britain:				
Bristol	Dec. 13-Feb. 6	11	2	
London	Feb. 1-6	1		
Guatemala:				
Guatemala City	Dec. 21	600	200	Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay	Nov. 25-Feb. 2		58	
Calcutta	Nov. 1-Jan. 16		256	
Madras	Nov. 28-Jan. 29		5	
Rangoon	Nov. 22-Jan. 23		9	
Indo-China:				
Cholen	Nov. 15-Dec. 5	6	5	
Saigon	Nov. 1-Jan. 9	10	7	
Italy, general	Nov. 30-Feb. 7	143		
Cinquefrondi	Jan. 15-21	13		
Florence	Nov. 24-30	2		
Genoa	Dec. 1-Jan. 15	3		
Latrinole	Jan. 15-21	2		
Naples	Dec. 7-Feb. 7	211	42	Jan. 18, 1 case on s. s. Europa.
Palermo	Jan. 24-30	1		
Polesella	Dec. 1			Epidemic.
Japan:				
Formosa	Nov. 29-Jan. 16	10		
Tokyo	May 8-Dec. 31	314		
Java:				
Batavia	Nov. 1-Jan. 16	33	3	
Malta	Nov. 22-Feb. 6	3		Case Nov. 22 on vessel.
Manchuria:				
Dalny	Jan. 17-23	1		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Acapulco	Jan. 11-31	12		
Guadalajara	Jan. 7-Feb. 11	5		
Mexico City	Nov. 8-Jan. 23		61	
Monterey	Jan. 4-Feb. 21		8	
Salina Cruz	Jan. 1-15	5		
Tehuantepec	Jan. 28-Feb. 3			Present.
Veracruz	Dec. 13-Jan. 9	3	2	
Yucatan, Camp Mengel	Dec. 21	1		
Moluccas Islands	Dec. 12			Do.
Netherlands, The:				
Rotterdam	Jan. 10-16	1		
Newfoundland	Feb. 9-13			Epidemic on south coast.
St. Johns	Jan. 10-Feb. 6	6		From s. s. Portia.
Norway:				
Bergen	Jan. 24-30		2	
Christiania	Nov. 22-28	1	1	
Paraguay:				
Asuncion	Dec. 20-26			Present.
Persia:				
Hamadan	Oct. 2-Dec. 24	350	100	Estimated.
Kerman	Nov. 11			Present.
Kermanshah	Oct. 1-31			Do.
Sultanabad	Oct. 1-31			Do.
Tabriz	Oct. 2-8			Do.
Trebizond	Jan. 16			Do.
Teheran	Sept. 18-Oct. 28		17	
Peru:				
Lima	Nov. 22-Dec. 31	11		Jan. 21, 3 cases in the lazaretto.
Salaverry	Nov. 19-25		1	
Philippine Islands:				
Manila	Nov. 1-Jan. 12	10	5	Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez	Dec. 20-Jan. 2	2		
Portugal:				
Lisbon	Nov. 30-Feb. 6	20		One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom	Dec. 1-31	1		
Moscow	Nov. 29-Jan. 30	174	74	
Odessa	Jan. 3-Feb. 6	24	4	
Riga	Nov. 29-Feb. 6	8		
St. Petersburg	Nov. 15-Jan. 30	70	22	
Warsaw	Nov. 1-Jan. 2		48	
Salvador:				
San Salvador	Feb. 6	3		
Santa Ana	Feb. 6	40		Present on routes to Guatemala
Servia:				
Belgrade	Dec. 6-12	2		
Siam:				
Bangkok	Nov. 1-30			Present.
Siberia:				
Vladivostok	Dec. 14-20	1		
Spain:				
Barcelona	Dec. 6-Feb. 23		14	
Cartagena	July 1-31		15	
Madrid	Nov. 1-Jan. 31		35	
Valencia	Nov. 29-Feb. 13	36	5	
Vigo	Nov. 30-Feb. 13		8	
Straits Settlements:				
Singapore	Dec. 28-Jan. 23		3	
Turkey in Asia:				
Adalia	Sept. 24-27		2	
Bassorah	Jan. 3-30			Do.
Smyrna	Oct. 7-Jan. 21		60	Jan. 5, epidemic.
Turkey in Europe:				
Constantinople	Dec. 7-Feb. 7		47	

Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Feb. 6	178,210	70									2	2	3
Acapulco	Jan. 24	5,000	6											
Aguascalientes	Feb. 14	40,000	36	1										
Aix-la-Chapelle	Jan. 23	159,480	47	2										1
Antwerp	Jan. 30	323,921	82	5							3			
Asuncion	Jan. 21	75,000	24	1										
Athens	Jan. 31	241,058	136	16								2	1	
Bagdad	Jan. 16	250,000			2									
Bahia	Jan. 9	265,000	91	10	1		4	2					1	
Do	Jan. 16	265,000	102	14			4							
Barmen	Jan. 30	161,100	44	5							1		6	
Batavia	Jan. 9	194,000						1						
Belfast	Feb. 6	386,576	130	24								1		2
Belgrade	Jan. 30	80,000										1		
Belize	Feb. 11	9,113	14											
Bergen	Jan. 30	87,749	19	3				2				3		
Do	Feb. 6	87,749	21	3								1		
Berlin	Jan. 23	2,113,783	555	91						2	4	6	10	3
Birmingham	Feb. 6	558,336	227								3	7	20	6
Bluefields	...do	2,500	2											
Do	Feb. 13	2,500	3	1										
Bombay	Jan. 26	977,822	600	33	16	4		10		3			2	
Bordeaux	Feb. 6	253,000	181	21								1		1
Bradford	Jan. 9	293,983	95	5								3		1
Do	Jan. 16	293,983	92	9										1
Do	Jan. 23	293,983	95	7								3		1
Do	Jan. 30	293,983	96	7								2		
Breslau	Jan. 23	335,186	207	31							2	3		2
Do	Jan. 30	335,186	181	25										
Bristol	Feb. 6	377,642	101								1			3
Brussels	Jan. 30	693,720	197	26						3		3	1	1
Cairo	Jan. 21	701,806	367	21				18	8	4		7	3	
Calcutta	Jan. 16	847,796	574	42	18	15		117					4	
Cardiff	Feb. 6	195,303	57	2							1			1
Chemnitz	Jan. 30	270,947	86	12							1	2	1	1
Christiania	...do	237,000	55								2	1		
Cienfuegos	Feb. 13	37,000	16	2										
Cognac	Feb. 6	19,483	10	1										
Cologne	Jan. 30	467,653	161	23							2	6	7	2
Constantinople	Jan. 31	1,000,000	391	51				1		13	1	3		
Do	Feb. 7	1,000,000	414	48				3		18			1	
Copenhagen	Jan. 23	447,000	150	20							2	1	2	6
Do	Jan. 30	447,000	128	12							1	2		7
Dalny	Jan. 16	38,121	11							1				
Do	Jan. 23	38,121	10	1						1				
Denia	Jan. 30	12,631	3											
Dublin	...do	394,525	203	31						2		2	6	2
Dundee	...do	169,409	59								2			1
Do	Feb. 6	169,409	83								1	2		1
Durban	Jan. 16	60,972	9											
East London	Jan. 9	49,253	8											
Do	Jan. 16	49,253	12	1										
Edinburgh	Feb. 6	355,366	118									1		3
Fiume	Feb. 7	50,011	28	8										
Flushing	Feb. 6	21,206	11											
Frankfort-on-the-Main	Jan. 30	362,000	106								3	2	1	
Frontera	...do	9,000	7											
Geneva	Jan. 23	118,500	40							1				
Ghent	Jan. 30	164,579	77	3									1	1
Gibraltar	Feb. 7	26,830	4	1										
Glasgow	Feb. 12	872,021	300							1	2	6		33
Greenoch	Feb. 6	72,300	23											
Guadalajara	Feb. 11	125,000	84					2						
Guayaquil	Jan. 30	75,000	73	8	4		2							1
Halifax	Feb. 13	40,787	14									1		
Hamburg	Feb. 6	872,252	267	25						1	8	6	3	4
Hamilton, Bermuda	Feb. 16	20,206	6											
Havre	Jan. 30	132,430	68	13						5				
Hilo, T. H	...do	3,500	6							1				

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from— Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Honolulu	Jan. 16	39,306	19	1										
Do	Jan. 23	39,306	20	2								1		
Do	Jan. 30	39,306	17	3										
Hull	Feb. 6	275,552	95									1	2	
Kobe	Jan. 16	363,593	166						1			3		
Do	Jan. 23	363,593	164									1		
Königsberg	...do	237,600	72	7							2			1
Do	Jan. 30	237,600	88	13										
Lausanne	Jan. 23	56,000	20											
Leeds	Feb. 6	484,012	157	11						3		1	1	3
Leipzig	Jan. 30	537,686	124	11						2	2	2	1	1
Leith	Feb. 6	85,721	24	3										
Liverpool	...do	760,357	307	22						1	10	3	5	7
London	...do	4,833,938	1,878	164				1		7	11	24	52	29
Lübeck	Jan. 30	96,000	41	2						1			1	
Lyon	...do	472,114	184	28							1	2		
Madras	Jan. 22	509,346	376					1					3	
Magdeburg	Jan. 30	250,494	94	11							6	3		1
Manaos	Jan. 23	54,000	24	1										
Manchester	Feb. 6	655,435	309	30						5	2	5	15	8
Mannheim	Jan. 23	181,612	44	5									1	2
Manzanillo	Feb. 6	1,700	1											
Do	Feb. 14	1,700	3											
Matamoras	Feb. 13	8,000	3											
Mazatlan	Feb. 6	22,000	21											
Mexico	Jan. 2	400,000	503	36				5		9	31	13	1	4
Do	Jan. 9	400,000	519	38				4	15		37	9	1	2
Do	Jan. 16	400,000	528	29				6	31		21	6	3	3
Do	Jan. 23	400,000	446	25				9	12		25	4	1	6
Moncton, N. B.	Feb. 13	13,500	7	1										
Monterey	Feb. 14	100,000	60	5				1						
Montreal	Feb. 13	378,856	162	14						3	7	2	5	
Moscow	Jan. 30	1,335,104	821	115				10	10	4	9	16	6	4
Munich	Jan. 16	566,000	165	18							1	4	4	4
Do	Jan. 23	566,000	169	28							4	5	2	3
Do	Jan. 30	566,000	183	30						1	1	3	2	1
Newcastle-on-Tyne	Feb. 6	281,584	80								1	2	2	2
Niuchwang	Jan. 23	60,000	13											
Nottingham	Jan. 30	260,000	101							1			4	2
Nuremberg	Jan. 23	316,180	92	6							2	1	1	3
Odessa	...do	467,000	200	22					2		5	3	1	2
Para	...do	185,000	92	9			3							
Do	Jan. 30	185,000	81	5	1		1							
Penang	Jan. 9	102,520	89	12										
Plymouth	Feb. 6	124,180	42											
Prague	Jan. 23	229,571	118	17						2	1			
Do	Jan. 30	229,571	127	27						1	2	2		1
Queenstown	Feb. 6	7,909	2											
Rangoon	Jan. 16	252,155	141	5	8	1								
Rotterdam	Feb. 6	411,629	129								1	2		
Saigon	Jan. 9	208,000						1						
St Petersburg	Jan. 23	1,678,000	953	198		113		2		21	17	15	12	6
San Feliu de Guixols	Feb. 6	11,094	5							1				1
Santa Cruz de Teneriffe	Jan. 30	46,000	14	1									1	
Santiago de Cuba	Feb. 13	45,497	17	2										
Singapore	Jan. 9	269,000	270	26		14				4				
Southampton	Feb. 6	124,667	39	7										1
South Shields	...do	117,627	36	2										
Stettin	Jan. 30	230,000	100	8								2	2	
Stockholm	Jan. 23	337,460	109	21							1	1		
Sunderland	Feb. 6	159,137	54	6								1	3	
Tientsin	Jan. 9	1,000,000	4											
Do	Jan. 16	1,000,000	2											
Trieste	Jan 30	216,680	124								1	2		
Turin	Jan. 24	381,439	142	19						1		1	1	
Do	Jan. 31	381,439	146	13						1		2		
Valencia	Jan. 30	250,000	119	11								1		
Veracruz	...do	32,000	27	9			1							
Do	Feb. 6	32,000	38	12										
Do	Feb. 13	32,000	35	9			1							
Vevey	Jan. 23	14,000	1											
Victoria, B. C.	Feb. 13	30,000	5											

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Vigo	Feb. 6	40,000	15	....	.....	....	....	....	....	....	....	....	1	....
Vienna	Jan. 23	2,042,426	699	121	.....	....	....	....	....	....	6	10	13	3
Do	Jan. 30	2,042,426	709	97	.....	....	....	....	....	....	8	8	12	3
Winnipeg	Feb. 13	118,000	28	....	.....	....	....	....	....	1	....	....	1	....
Yokohama	Jan. 25	378,884	.....	....	.....	....	....	....	....	1	1	....	....	....
Zanzibar	Dec. 31	75,000	31	5	.....	....	....	....	....	....	....	....	1	....
Do	Jan. 7	75,000	43	3	.....	....	....	....	....	....	....	....	....	....
Do	Jan. 14	75,000	12	1	.....	....	....	....	....	....	....	....	....	....
Zurich	Feb. 6	180,000	39	5	.....	....	....	....	....	....	....	....	....	....

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Surgeon-General,
United States Public Health and Marine-Hospital Service.